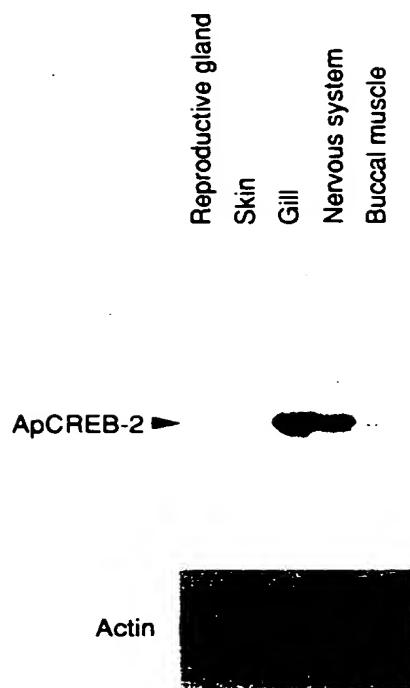
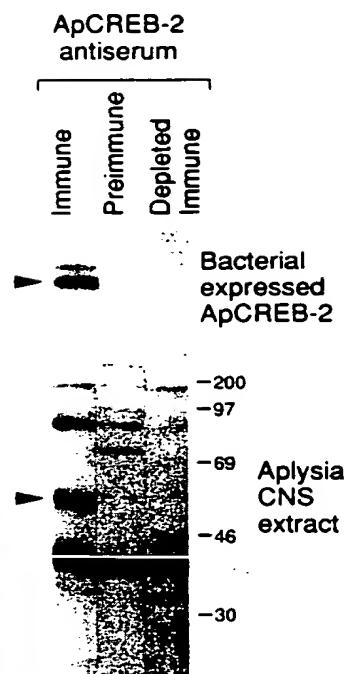


FIG. 1A

1	M E L D L W S E D F Q L A R E W G L E M P V V Q T D G Q F G D L K S T S R H G G
41	D E S L S L O P Q G A T L K L E P F E E D V L G A E W M E S S D G S F L D A Y
91	G D N H E R E H P F E S N L E F F T S L X T E D D S T X S K D I L S S T L Q F P
121	T Q P V N I P L Y A S H G A E D F S A E T E F E N H L S P P D S P E Q V A P V I
161	N L E P V V E L T A S H M T V I S P D G L L G G M E L A S E S L T F T E L D F V N
201	F N D S A V G S I G G A E L L G S P L S V D D V E S T I S F S C P S S P E T S
241	Q S S I I E S S P E L Y K V I S T S S I D A S K R F S P Y S R S S K S Q S V K
281	T S D A K A P R K T R T P A Q P V P E H V I N E H L D K K D R K K L Q N K N A A
321	I R Y R M K K K G E A Q G I K G E E Q E E E L N T K X K T K V D D Q R E I K
361	Y Y K N L M E D V C K A K G I Q L K

18

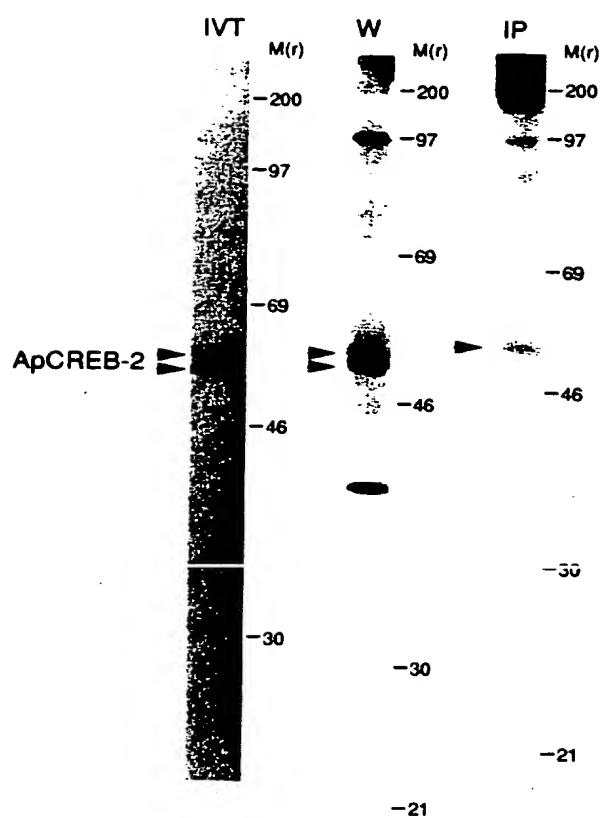
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FIG. 2A**FIG. 2B**

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FIG. 2C



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FIG. 3A

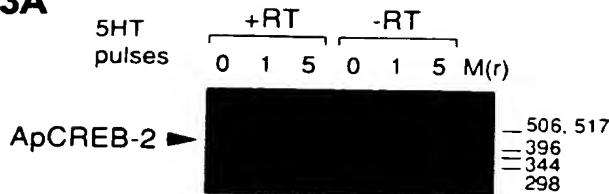
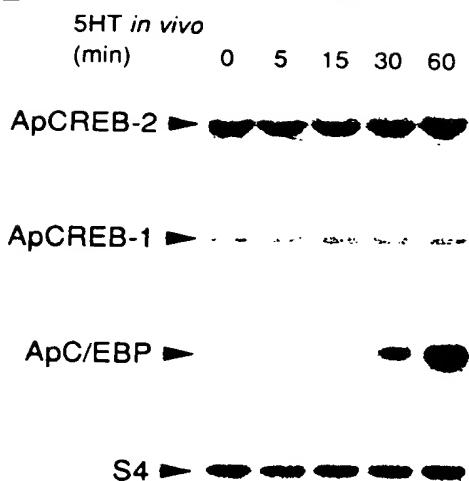


FIG. 3B



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FIG. 4A

0 15 30 60 5HT *in vivo*
(min)

ApCREB-2

ApCREB-1

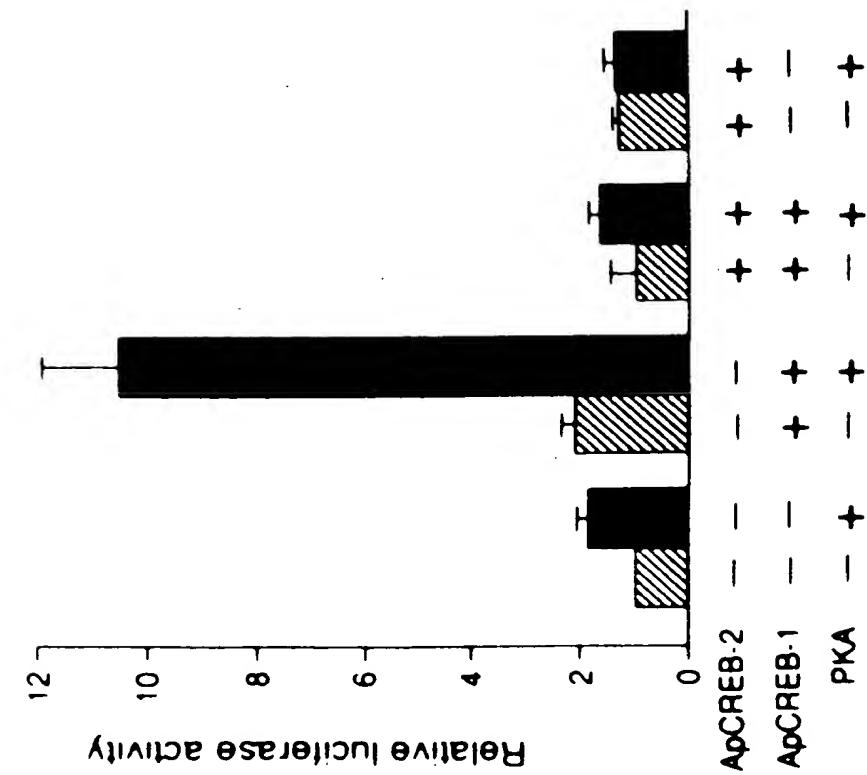
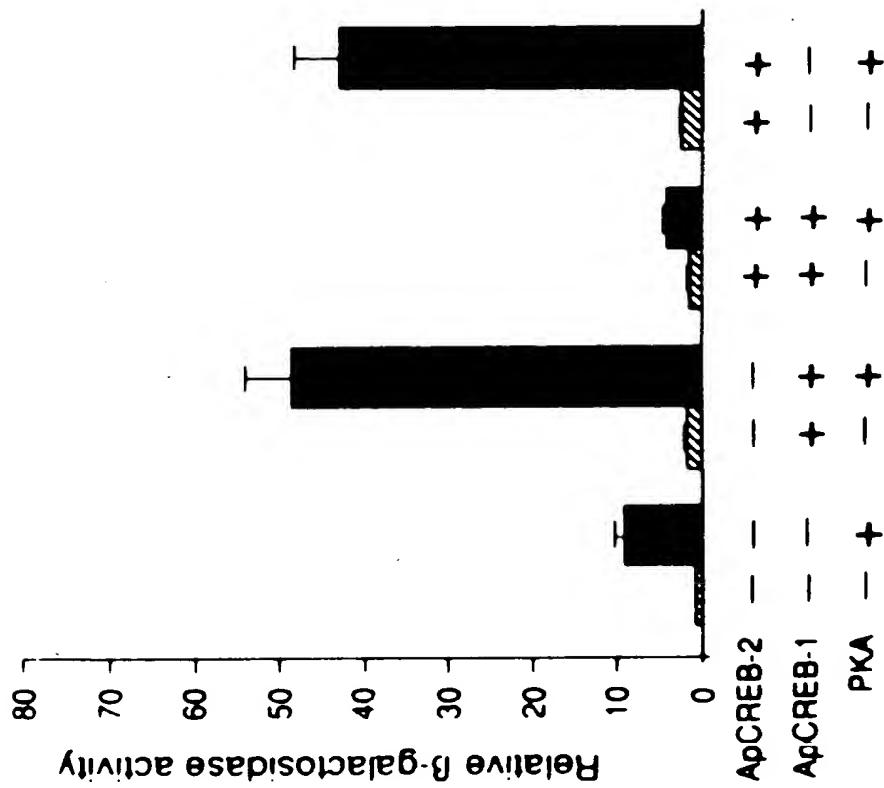
ApC/EBP

FIG. 4B

CIP M

ApCREB-2

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FIG. 5A**FIG. 5B**

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FIG. 6A

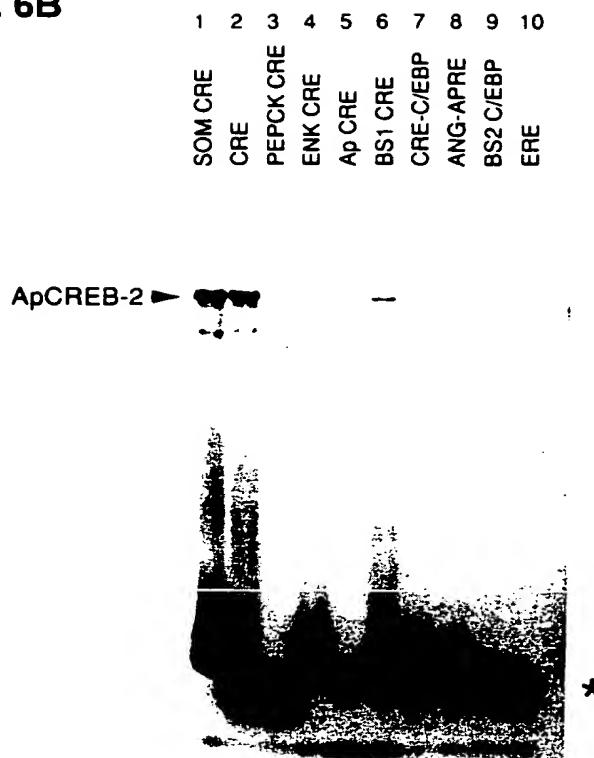
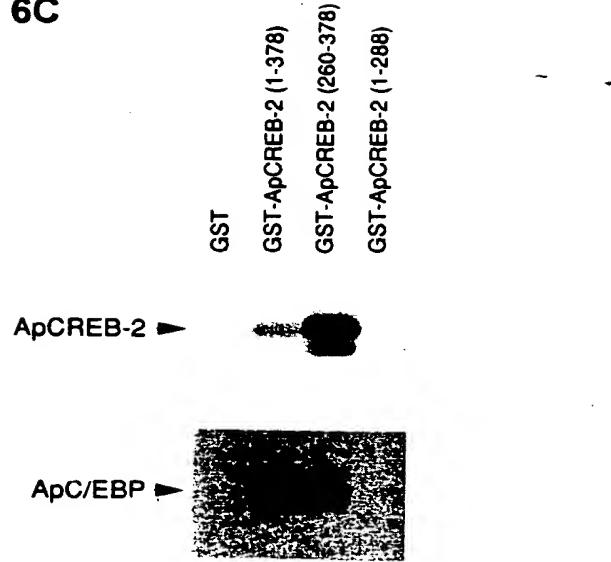
CRE

BS1 - ApCREB - 2

BS2 - ApC/EBP

TGACGTCA
AGTATTGCGTCATC
ACTATTGCGCAATC

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FIG. 6B**FIG. 6C**

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FIG. 7A

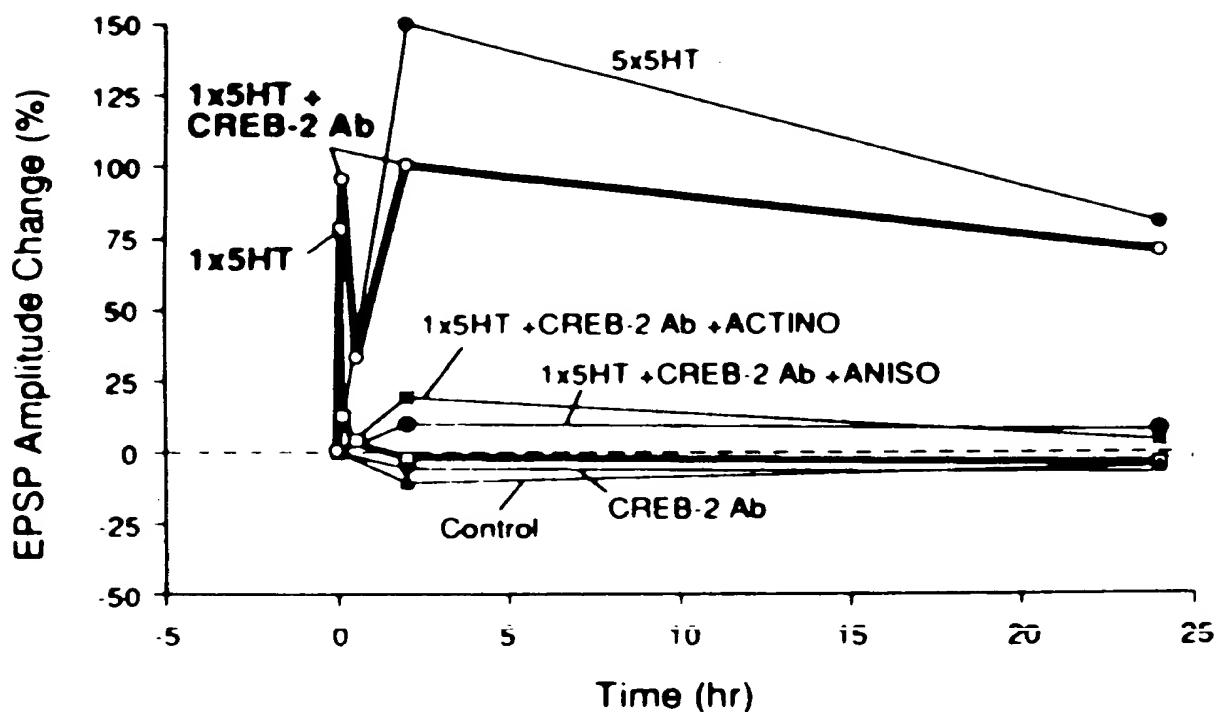
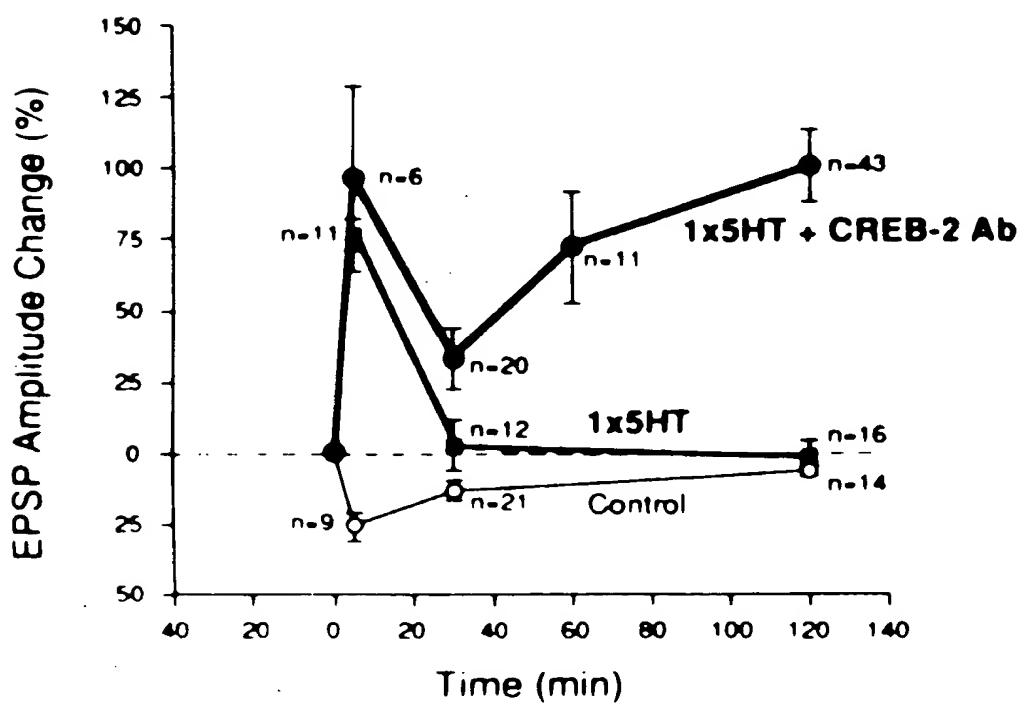


FIG. 7B



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FIG. 7C

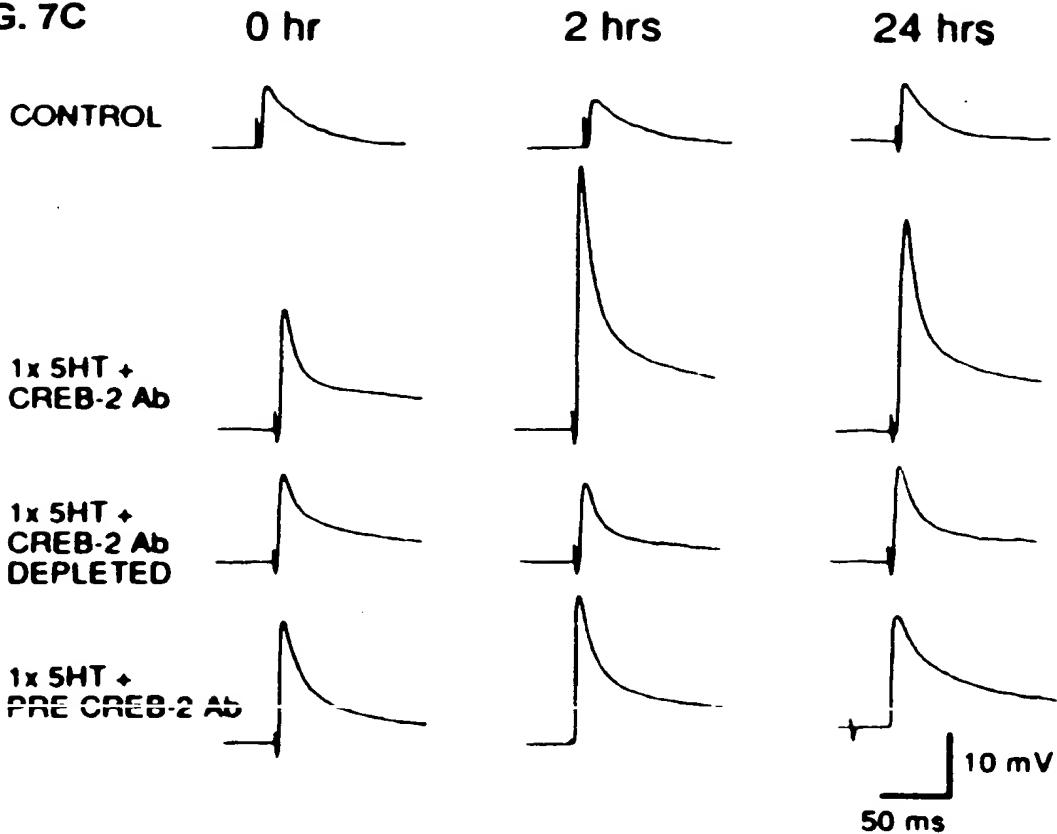
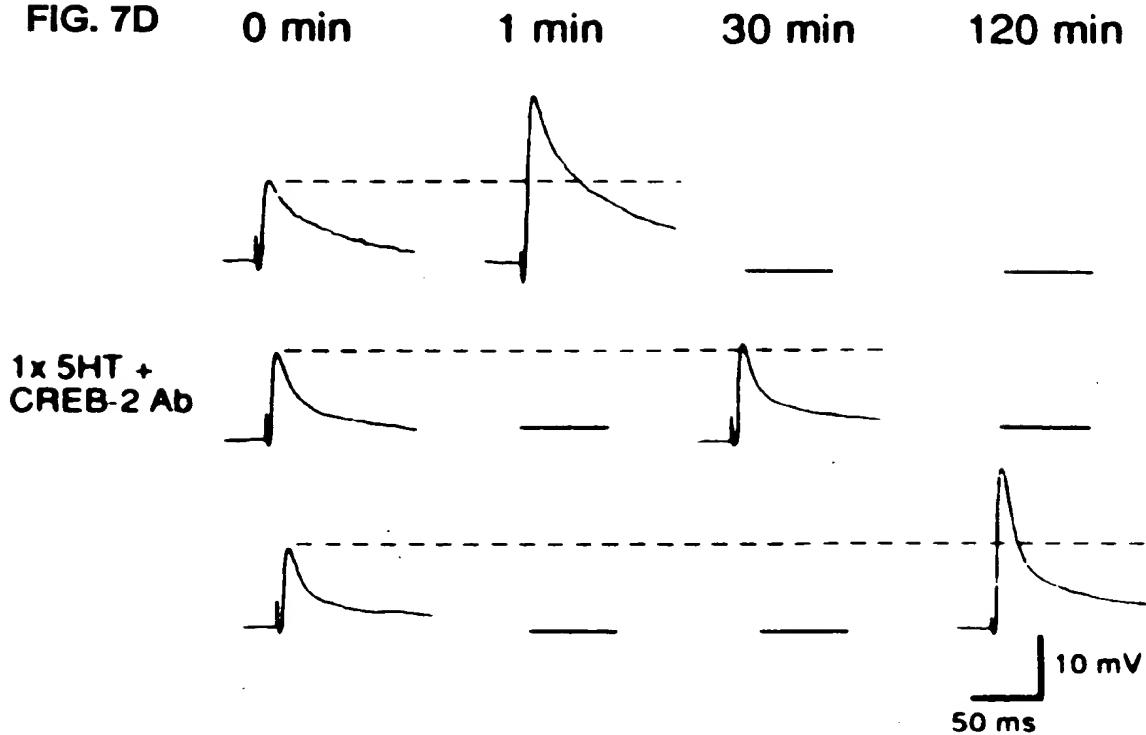


FIG. 7D



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FIG. 8A

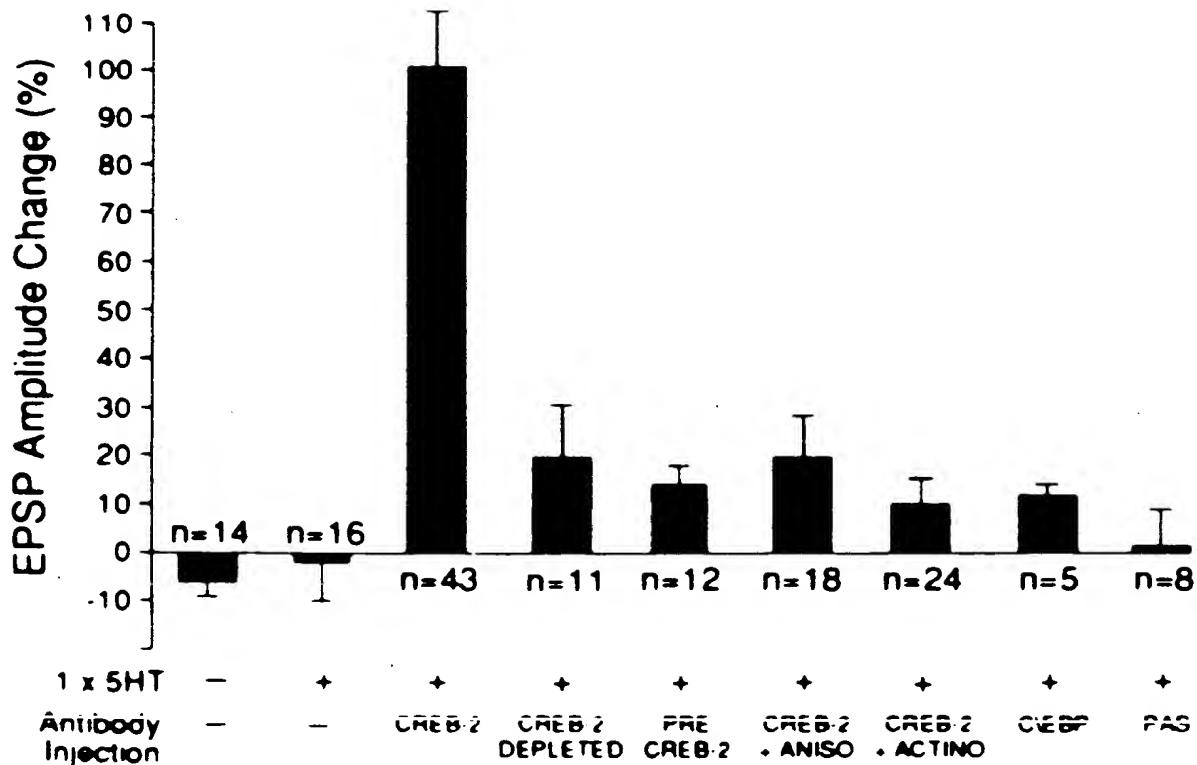
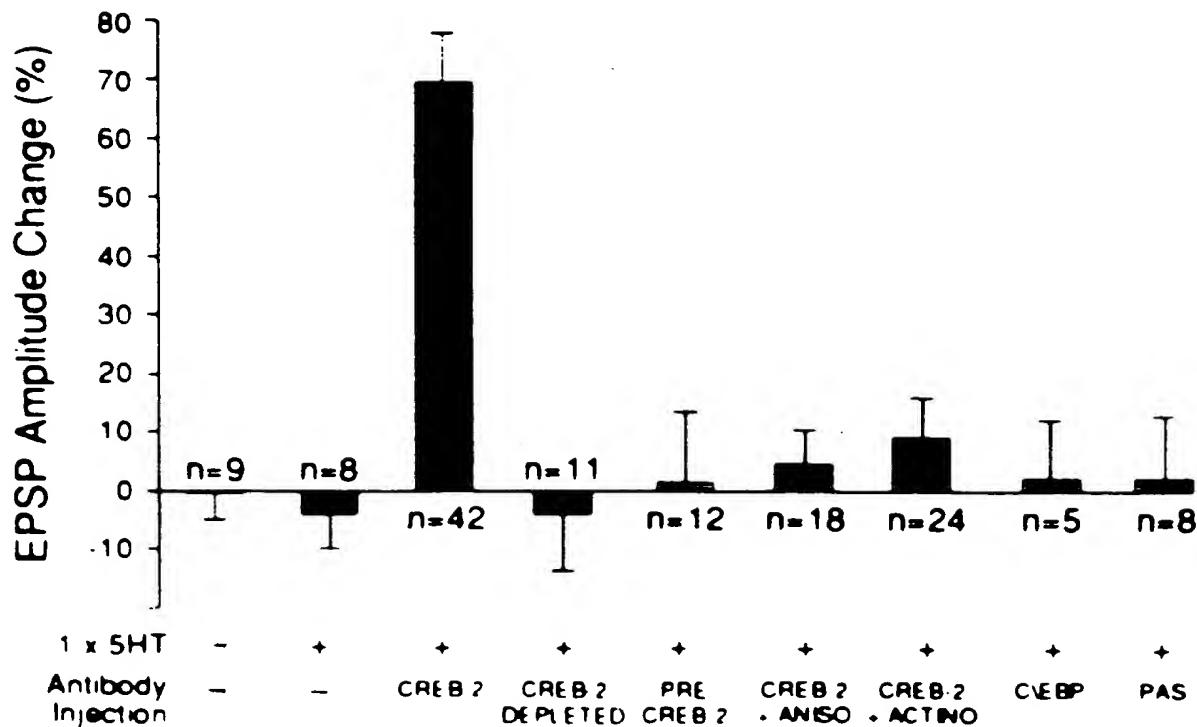


FIG. 8B



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FIG. 8C

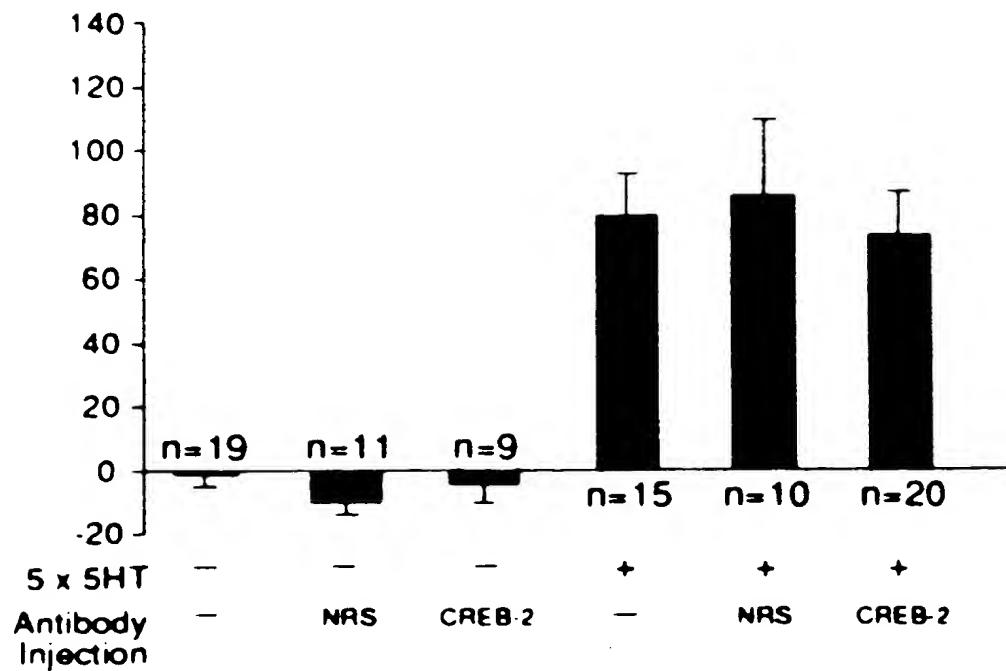
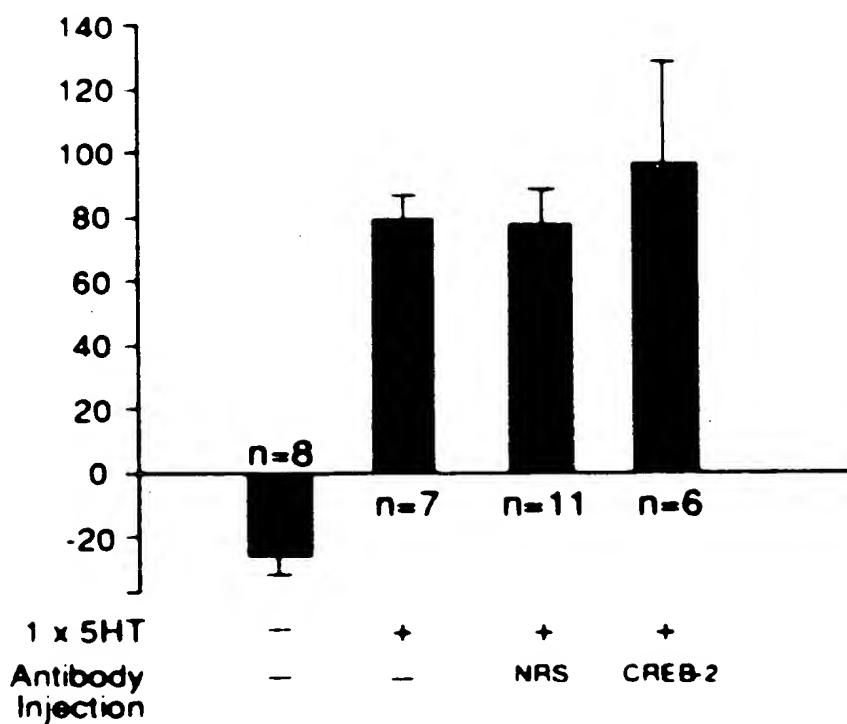
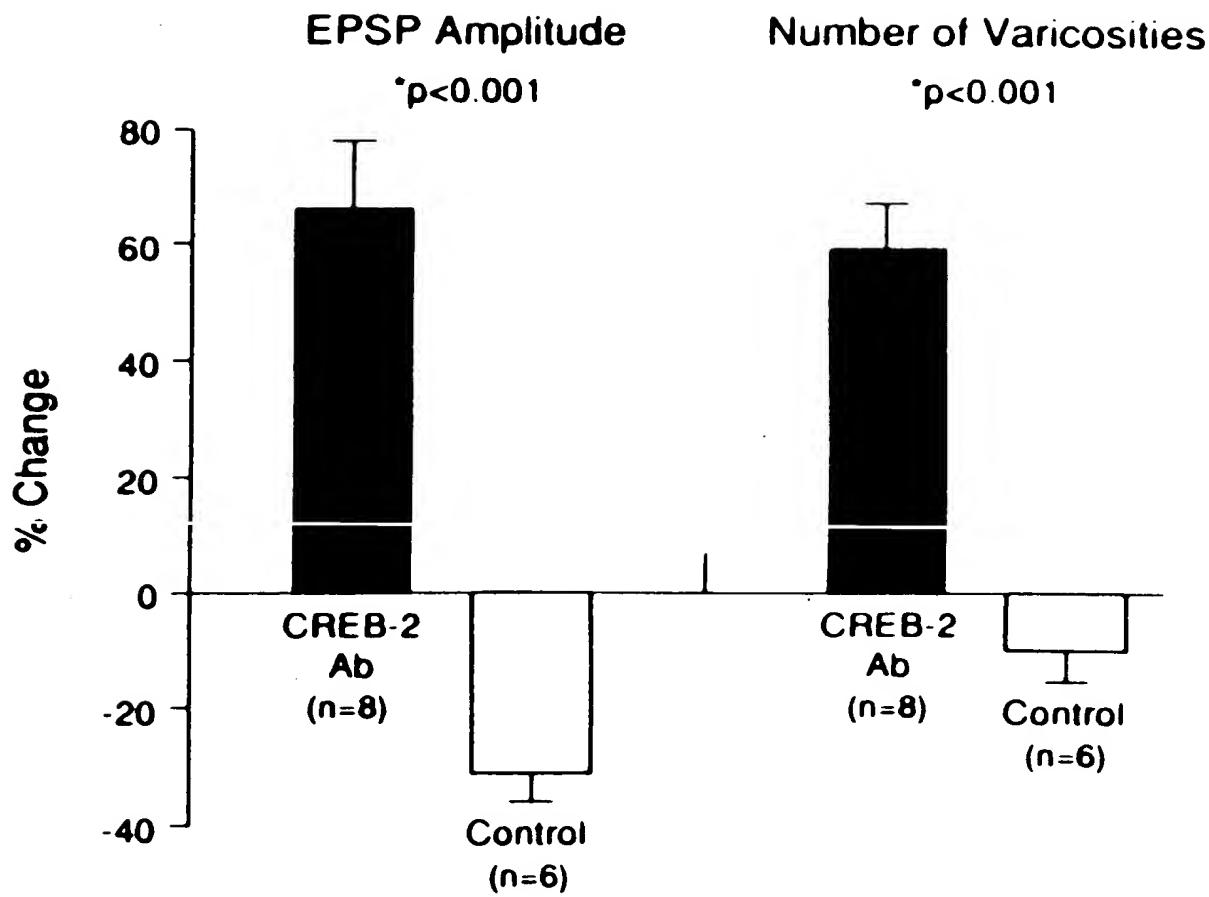


FIG. 8D

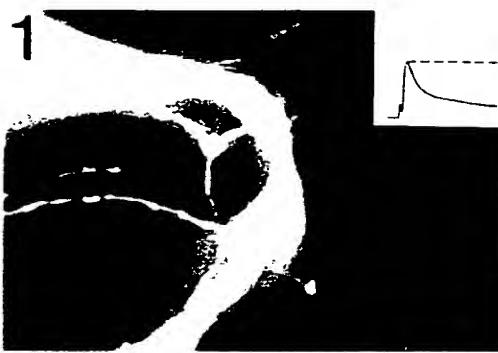
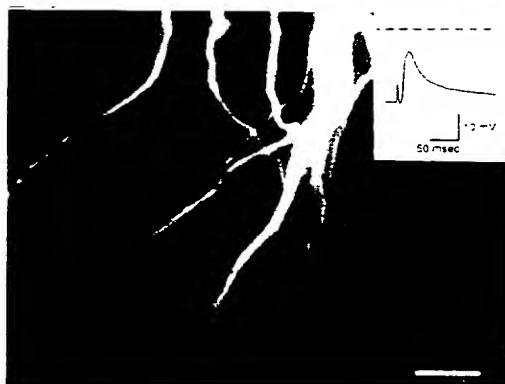


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FIG. 9



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FIG. 10ACREB-2 Ab
1 x 5HTControl
1 x 5HT**FIG. 10C****FIG. 10D**